

# Power Cost Memorandum Rate Change

Date: **February 17, 2022**

|  |                                       |  |
|--|---------------------------------------|--|
| Utility Name (Cert. No.)<br><b>Buckland, City of (432)</b> | Utility File No.<br><b>PC78-1119E</b> | Date Filed:<br><b>February 1, 2022</b> |
|--|---------------------------------------|--|

| PCE AMOUNT<br>SUMMARY  | Previously<br>Approved<br>PC78-1119D     | Staff Recommended Amount(s)<br>and Effective Date<br>PC78-1119E |
|--|--|---|
| Class<br>Rate  | <u>Date Approved:</u><br>January 7, 2022 | February 18, 2022   |
| Residential  | \$0.2077                                 | \$0.2077  |
| Community Facilities   | \$0.2077                                 | \$0.2077  |
| <input type="checkbox"/> Interim <input checked="" type="checkbox"/> Permanent <span style="float: right;"><input type="checkbox"/> Interim   <input checked="" type="checkbox"/> Permanent</span> |  |   |

|  |  |
|--|--|
| Prior Fuel Purchase Price: \$ 3.5574   | New Fuel Purchase Price: \$ 3.5574   |
| <input type="checkbox"/> Actual <input checked="" type="checkbox"/> Weighted | <input type="checkbox"/> Actual <input checked="" type="checkbox"/> Weighted |
| Delivery Charge: _____   | Surcharge Change: Previous <u>0.2375</u> Updated <u>0.2375</u>               |

| Weighted Average Fuel Price/Gal. Calculation |                |   |        |   |                      |
|--|----------------|---|--------|---|----------------------|
|  | Gallons        |   | Price  |   |                      |
| On-hand before deliv.                        | -              | X | 3.5574 | = | -                    |
| Delivered                                    | 120,000        | X | 3.5574 | = | 426,888.00           |
|  | <u>120,000</u> |   |        |   | <u>\$ 426,888.00</u> |
|  |                |   |        |   | Weighted Average     |
|  |                |   |        |   | \$ 3.5574            |

Signed: Brenda Cox Utility Financial Analyst  
Brenda Cox

**Commission decision re. this recommendation :**

|          | Date (if different<br>from 2/17/22) | I<br>CONCUR       | I DO NOT<br>CONCUR | I WILL WRITE<br>A DISSENTING<br>STATEMENT * |
|----------|-------------------------------------|-------------------|--------------------|---|
| Pickett  |                                     | <u>RMP</u>        |                    |   |
| Kurber   |                                     | <u>KKI</u>        |                    |   |
| Scott    |                                     | <u>AGS</u><br>AGS |                    |   |
| Sullivan |                                     | <u>DS</u><br>DS   |                    |   |
| Wilson   |                                     | <u>JW</u>         |                    |   |

*Special Instructions to Staff:*

\* If this column is initialed, Staff will contact the Commissioner for the statement; otherwise, dissent will simply be noted at the close of the By Direction Letter or Order.

# BUCKLAND, CITY OF

POWER COST EQUALIZATION CALCULATION  
FOR PERIOD ENDING JUNE 30, 2019  
Rate Change

|  |   | PC78-1119D                      | PC78-1119E         |                      |
|--|---|---------------------------------|--------------------|----------------------|
|  |   | Prior<br>Commission<br>Approved | Utility<br>Request | Staff<br>Recommended |
| A.   | Total kWh Generated                               | 1,631,783                       | 1,631,783          | 1,631,783            |
| B.   | Total kWh Sold (Appendix 2)                       | 1,528,203                       | 1,528,203          | 1,528,203            |
| C.   | Total Non-Fuel Costs (Appendix 2)                 | \$186,641                       | \$186,641          | \$186,641            |
| D.   | Non-Fuel Cost/kWh (C / B)                         | \$0.1221                        | \$0.1221           | \$0.1221             |
| E.   | Total Fuel Costs (Appendix 2)                     | \$453,576                       | \$453,576          | \$453,576            |
| F.   | Fuel Costs/kWh (E / B)                            | \$0.2968                        | \$0.2968           | \$0.2968             |
| G.   | Eligible Costs/kWh (D + F)                        | \$0.4189                        | \$0.4189           | \$0.4189             |
| H.   | Eligible Cost/kWh (G)<br>less base rate in effect | \$0.2186                        | \$0.2186           | \$0.2186             |
| I.   | Lesser of (H) or .7997 cents/kWh                  | \$0.2186                        | \$0.2186           | \$0.2186             |
| J.   | Average Class Rates (Appendix 3)                  |                                 |                    |                      |
|  | Residential                                       | \$0.2738                        | \$0.2897           | \$0.2897             |
|  | Community Facilities                              | \$0.2738                        | \$0.2897           | \$0.2897             |
| Class Power Cost Equalization<br>Per kwh Payable |   |                                 |                    |                      |
| K.   | Lesser of: (I) x 95% or (J)                       |                                 |                    |                      |
|  | Residential                                       | \$0.2077                        | \$0.2077           | \$0.2077             |
|  | Community Facilities                              | \$0.2077                        | \$0.2077           | \$0.2077             |
| L.   | Funding Level in Effect                           | 100%                            | 100%               | 100%                 |
|  | Residential                                       | \$0.2077                        | \$0.2077           | \$0.2077             |
|  | Community Facilities                              | \$0.2077                        | \$0.2077           | \$0.2077             |

# BUCKLAND, CITY OF

SCHEDULE OF ELIGIBLE POWER COSTS, SALES, AND EFFICIENCY  
FOR PERIOD ENDING JUNE 30, 2019

## Rate Change

|                                |   |   | PC78-1119D                      | PC78-1119E       |                      |
|--------------------------------|---|---|---------------------------------|------------------|----------------------|
|                                |   |   | Prior<br>Commission<br>Approved | Per<br>Utility   | Staff<br>Recommended |
| <b>Non-Fuel Costs:</b>         |   |   |                                 |                  |                      |
| A.                             | Personnel Costs   |   | 85,956                          | 85,956           | 85,956               |
| B.                             | Operating expense   |   | 30,726                          | 30,726           | 30,726               |
| C.                             | General & Administrative  |   | 25,530                          | 25,530           | 25,530               |
| D.                             | Depreciation  |   | 44,429                          | 44,429           | 44,429               |
| E.                             | Interest Expense  |   | 0                               | 0                | 0                    |
| F.                             | Other (Describe)  |   | 0                               | 0                | 0                    |
| <b>G. Total Non-Fuel Costs</b> |   |   | <b>\$186,641</b>                | <b>\$186,641</b> | <b>\$186,641</b>     |
| <b>Fuel Costs:</b>             |   |   |                                 |                  |                      |
| H.                             | Gallons Consumed for<br>Electric Generation                         |   | 127,502                         | 127,502          | 127,502              |
| I.                             | Price of Fuel:<br>Weighted Average                                  |   | \$3.5574                        | \$3.5574         | \$3.5574             |
| <b>J. Total Fuel Costs</b>     |   |   | <b>\$453,576</b>                | <b>\$453,576</b> | <b>\$453,576</b>     |
| K.                             | kWh Diesel Generated  |   | 1,631,783                       | 1,631,783        | 1,631,783            |
|                                | kWh Wind Generated  |   | 89,933                          | 89,933           | 89,933               |
|                                | Total Generated   |   | 1,721,716                       | 1,721,716        | 1,721,716            |
| L.                             | kWh Sales   |   | 1,528,203                       | 1,528,203        | 1,528,203            |
| M.                             | kWh Station Service   |   | 39,548                          | 39,548           | 39,548               |
| N.                             | Efficiency (K/H)  | ≥ | Standard<br>12.5                | 12.80            | 12.80                |
| O.                             | Line Loss & Station Use<br>(kWh Generated - kWh Sold)/kWh Generated | ≤ | 12%                             | 8.94%            | 8.94%                |

|           |         |   |          |   |            |                     |
|-----------|---------|---|----------|---|------------|---------------------|
| Beg. Inv. | -       | x | \$ 3.557 | = | \$ -       |                     |
| Delivered | 120,000 | x | \$ 3.557 | = | \$ 426,888 | Weighted<br>Average |
|           | 120,000 |   |          |   | \$ 426,888 | \$ 3.5574           |

## Calculation of Average Class Rate per kWh

Rate Schedule: Residential

Customer Charge: 0

| (1)<br>kWh<br>by<br>Block | (2)<br>Rate<br>(\$/kWh) | (3)<br>Surcharge<br>If Applicable<br>(\$/kWh) | (4)<br>Total<br>(\$/kWh)<br>(2+3) | (5)<br>Total<br>\$<br>(1x4) | (6)<br>Avg.<br>(\$/kWh)<br>(5)/(1) | (7)<br>Avg. Rate<br>(\$/kWh) -<br>0.2003<br>/kWh |
|---------------------------|-------------------------|---|-----------------------------------|-----------------------------|------------------------------------|--|
| 500                       | 0.2525                  | 0.2375  | 0.4900                            | 245.00                      | 0.4900                             | 0.2897   |
|                           |                         |   |                                   |                             |                                    |  |
|                           |                         |   |                                   |                             |                                    |  |
|                           |                         |   |                                   |                             |                                    |  |
| 500                       |                         |   |                                   | 245.00                      | 0.4900                             | 0.2897   |

TOTAL (A)

(E)

## Computation of Community Facilities Average Rate

Rate Schedule: All

Customer Charge 0

|         | (A)<br>Rate<br>(\$/kWh) | (B)<br>Surcharge<br>If Applicable<br>(\$/kWh) | (C)<br>Total Rate<br>(\$/kWh)<br>(A+B) | (7)<br>Avg. Rate<br>(\$/kWh) -<br>0.2003<br>/kWh |
|---------|-------------------------|---|--|--|
| 0 to ∞  | 0.2525                  | 0.2375  | 0.4900                                 | 0.2897   |
| Next to |                         |   |  |  |
| Next to |                         |   |  |  |
| Next to |                         |   |  |  |
| Next to |                         |   |  |  |

Signature: 

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